



## \* \* \* \* INITIAL STUDY \* \* \* \*

COUNTY OF LOS ANGELES  
DEPARTMENT OF REGIONAL PLANNINGGENERAL INFORMATION

I.A. Map Date: March 3, 2007 Staff Member: Anthony Curzi  
 Thomas Guide: 4288 J6 & J7 and Page G USGS Quad: Littlerock  
 Location: On Avenue T between 121<sup>st</sup> Street East and 136<sup>th</sup> Street in the Antelope Valley  
 Description of Project: The proposed project is a request for a surface mine permit to allow the excavation of 48,674,200 tons of aggregate; operation of a rock processing plant; a concrete ready mix plant; an asphalt mixing plant; and a raw cement and aggregate transfer and distribution facility. The duration of the project is estimated to be 50 years.  
Aggregate will be excavated from two pits set back from the property line 50 feet. The north pit will be located on the northern portion of parcel 3039-021-009. Berms will be used to prevent run-off and erosion. A three foot high berm will be constructed on the east side of the pit and a five foot high berm will be constructed on the other sides of the pit. The south pit will be located on parcel 3039-036-002. Processing and transfer/distribution facilities will be located on the southern portion of parcel 3039-021-009. A tunnel under the railroad tracks that bisects the project site will be constructed so that excavated aggregate from the south pit can be conveyed to the processing and distribution facilities.  
Mining operations will be implemented in three (3) phases. Phase 1 consists of the excavation of the north pit. The south pit will be excavated during Phase 2 and Phase 3 consists of the relocation of the processing and distribution facilities to the excavated Phase 1 area, followed by the excavation of the southern portion of parcel 3039-021-009.  
The mining site will be reclaimed in accordance with the Surface Mining and Reclamation Act. Two 80 foot deep post-operation depressions will remain. Reclamation measures include; the distribution of banked project site topsoil, re-vegetation with native species and temporary irrigation.  
 Gross Acres: 284.5 acres.  
 Environmental Setting: The project site is located north of Highway 138, west of 87<sup>th</sup> Street, east of 165<sup>th</sup> Street East and South of Palmdale Boulevard in the Antelope Valley. The adjacent property is vacant land except for two residences west of the project site. A railroad right-of-way bisects the subject property. The project site is relatively flat and vegetated with native Mojave Creosote Bush Scrub.  
 Zoning: A-2-5 Heavy Agriculture  
 Community Standards District: NA  
 General Plan: R Non-urban  
 Community/Area wide Plan: N/ Non-urban

**Major projects in area:**

PROJECT NUMBER

DESCRIPTION & STATUS

*There are no projects located in the immediate vicinity of the project site.*


NOTE: For EIRs, above projects are not sufficient for cumulative analysis.

**REVIEWING AGENCIES**

Responsible Agencies

- |   |  |
|---|--|
| <input type="checkbox"/> None   | <input type="checkbox"/> Coastal Commission      |
| <input type="checkbox"/> LA Regional Water Quality Control Board                  | <input type="checkbox"/> Army Corps of Engineers |
| <input checked="" type="checkbox"/> Lahontan Regional Water Quality Control Board | <input type="checkbox"/>                         |

Trustee Agencies

- |  |   |
|--|---|
| <input type="checkbox"/> None  | <input type="checkbox"/> State Parks                                    |
| <input checked="" type="checkbox"/> State Fish and Game                                      | <input checked="" type="checkbox"/> Native American Heritage Commission |
| <input checked="" type="checkbox"/> Department of Conservation, Office of Mine Reclamation   |   |
| <input checked="" type="checkbox"/> Department of Conservation, State Mining & Geology Board |   |

Special Reviewing Agencies

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> None                    | <input type="checkbox"/> High School District       |
| <input type="checkbox"/> National Parks                     | <input type="checkbox"/> Elementary School District |
| <input type="checkbox"/> National Forest                    | <input type="checkbox"/>                            |
| <input type="checkbox"/> Edwards Air Force Base             | <input type="checkbox"/> Town Council               |
| <input type="checkbox"/> Santa Monica Mountains Conservancy | <input type="checkbox"/> Water District             |

Regional Significance

- |   |  |
|---|--|
| <input type="checkbox"/> None   | <input type="checkbox"/> Water Resources             |
| <input type="checkbox"/> SCAG Criteria  | <input type="checkbox"/> Santa Monica Mountains Area |
| <input checked="" type="checkbox"/> Antelope Valley Air Quality Management District | <input type="checkbox"/>                             |

County Reviewing Agencies

- ☒ EHS
- ☒ DPW: Geotechnical and Materials Engineering Division
- ☒ DPW: Traffic and Lighting Division
- ☒ Fire Dept.: Forestry, Environmental Review Unit
- ☒ Fire Dept.: Hazardous Materials Division

IMPACT ANALYSIS MATRIX			ANALYSIS SUMMARY (See individual pages for details)			
			Less than Significant Impact/No Impact			Potential Concern
			Potentially Significant Impact			
CATEGORY	FACTOR	Pg				
HAZARDS	1. Geotechnical	5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Extensive excavation
	2. Flood	6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drainage course and flood zone
	3. Fire	7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4. Noise	8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Railway; equipment and engine noise
RESOURCES	1. Water Quality	9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Excavation below water table & hazardous materials.
	2. Air Quality	10	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dust; equipment and truck exhaust
	3. Biota	11	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sensitive specie habitat
	4. Cultural Resources	12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	5. Mineral Resources	13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	6. Agriculture Resources	14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7. Visual Qualities	15	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Excavated pit
SERVICES	1. Traffic/Access	16	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Truck trips
	2. Sewage Disposal	17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	3. Education	18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4. Fire/Sheriff	19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	5. Utilities	20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OTHER	1. General	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	2. Environmental Safety	22	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous materials
	3. Land Use	23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4. Pop/Hous./Emp./Rec.	24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	5. Mandatory Findings	25	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

## ENVIRONMENTAL FINDING

FINAL DETERMINATION: On the basis of this Initial Study, the Department of Regional Planning finds that this project qualifies for the following environmental document:

☐ NEGATIVE DECLARATION, inasmuch as the proposed project will not have a significant effect on the environment.

An Initial Study was prepared on this project in compliance with the State CEQA Guidelines and the environmental reporting procedures of the County of Los Angeles. It was determined that this project will not exceed the established threshold criteria for any environmental/service factor and, as a result, will not have a significant effect on the physical environment.

☐ MITIGATED NEGATIVE DECLARATION, in as much as the changes required for the project will reduce impacts to insignificant levels (see attached discussion and/or conditions).

An Initial Study was prepared on this project in compliance with the State CEQA Guidelines and the environmental reporting procedures of the County of Los Angeles. It was originally determined that the proposed project may exceed established threshold criteria. The applicant has agreed to modification of the project so that it can now be determined that the project will not have a significant effect on the physical environment. The modification to mitigate this impact(s) is identified on the Project Changes/Conditions Form included as part of this Initial Study.

☒ ENVIRONMENTAL IMPACT REPORT\*, inasmuch as there is substantial evidence that the project may have a significant impact due to factors listed above as "significant".

☐ At least one factor has been adequately analyzed in an earlier document pursuant to legal standards, and has been addressed by mitigation measures based on the earlier analysis as described on the attached sheets (see attached Form DRP/IA 101). The Addendum EIR is required to analyze only the factors changed or not previously addressed.

Reviewed by: Anthony Curzi  Date: 12-10-07

Approved by: Paul McCarthy  Date: 12-6-07

☐ Determination appealed -- see attached sheet.

\*NOTE: Findings for Environmental Impact Reports will be prepared as a separate document following the public hearing on the project.

## HAZARDS - 1. Geotechnical

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project located in an active or potentially active fault zone, Seismic Hazards Zone, or Alquist-Priolo Earthquake Fault Zone? <i>Source: The California Geological Survey.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in an area containing a major landslide(s)? <i>The project site is not located in a landslide zone. Source: The California Geological Survey.</i>
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in an area having high slope instability? <i>The project site is not located in a landslide zone. Source: The California Geological Survey.</i>
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site subject to high subsidence, high groundwater level, liquefaction, or hydrocompaction? <i>The project site is not located in a liquefaction zone. Sources: General Plan Plate 3 &amp; California Department of Conservation Division of Mines and Geology.</i>
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the proposed project considered a sensitive use (school, hospital, public assembly site) located in close proximity to a significant geotechnical hazard?
f.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the project entail substantial grading and/or alteration of topography including slopes of over 25%? <i>48,674,200 tons of excavated aggregate is proposed.</i>
g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project be located on expansive soil, as defined in Table 18-1-B of Uniform Building Code (1994), creating substantial risks to life or property?
h.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

☐ Building Code, Title 26 - Sections 110.2, 111 & 113  
(Geotechnical Hazards, Engineering Geology and Soils Engineering Report, Earthquake Fault)

☐ **MITIGATION MEASURES**

☐ **OTHER CONSIDERATIONS**

☐ Lot Size

☐ Project Design

☐ Approval of Geotechnical Report by DPW

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by, **geotechnical** factors?

☒ Potentially significant

☐ Less than significant with project mitigation

☐ Less than significant/No Impact

## HAZARDS - 2. Flood

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the major drainage course, as identified on USGS quad sheets by a dashed line, located on the project site?
b.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the project site located within or does it contain a floodway, floodplain, or designated flood hazard zone? The northeast portion of the project site is located in FEMA Flood Zone A which has a one percent chance of flooding annually. Source: Federal Emergency Management Agency.
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in or subject to high mudflow conditions?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project contribute or be subject to high erosion and debris deposition from run-off? Berms and down drains will be constructed.
e.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Would the project substantially alter the existing drainage pattern of the site or area? The mining pits and installed drainage systems would alter the existing drainage pattern of the site.
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors (e.g., dam failure)?

### STANDARD CODE REQUIREMENTS

- ☐ Building Code, Title 26 – Section 110.1 (Flood Hazard)  
☒ Health and Safety Code, Title 11 – Chapter 11.60 (Floodways)

#### ☐ MITIGATION MEASURES

#### ☐ OTHER CONSIDERATIONS

☐ Lot Size

☐ Project Design

☒ Approval of Drainage Concept by DPW

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by **flood (hydrological)** factors?

- ☒ Potentially significant      ☐ Less than significant with project mitigation      ☐ Less than significant/No Impact

## HAZARDS - 3. Fire

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in a Very High Fire Hazard Severity Zone (Fire Zone 4)? <i>Source: Los Angeles County Fire Department.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site in a high fire hazard area and served by inadequate access due to lengths, width, surface materials, turnarounds or grade?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project site have more than 75 dwelling units on a single access in a high fire hazard area? <i>No residences are proposed.</i>
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in an area having inadequate water and pressure to meet fire flow standards? <i>A new well is proposed.</i>
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project located in close proximity to potential dangerous fire hazard conditions/uses (such as refineries, flammables, explosives manufacturing)?
f.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the proposed use constitute a potentially dangerous fire hazard?
g.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

- ☐ Utilities Code, Title 20 – Section 20.16.060 (Fire Flow & Fire Hydrants Requirements)  
☐ Fire Code, Title 32 – Sections 902.2.1 & 902.2.2.1 (Access & Dimensions)  
☐ Fire Code, Title 32 – Sections 1117.2.1 (Fuel Modification Plan, Landscape Plan & Irrigation Plan)

#### ☐ MITIGATION MEASURES

#### ☐ OTHER CONSIDERATIONS

☐ Project Design

☐ Compatible Use

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by **fire hazard** factors?

☐ Potentially significant      ☐ Less than significant with project mitigation      ☒ Less than significant/No Impact

## HAZARDS - 4. Noise

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the project site located near a high noise source (airports, railroads, freeways, industry)? <i>A railway bisects the project site.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the proposed use considered sensitive (school, hospital, senior citizen facility) or are there other sensitive uses in close proximity? <i>An aggregate surface mine is proposed.</i>
c.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Could the project substantially increase ambient noise levels including those associated with special equipment (such as amplified sound systems) or parking areas associated with the project? <i>Mining equipment and truck engines would increase the ambient noise level of the area.</i>
d.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels without the project? <i>Mining equipment and truck engines would increase the ambient noise level of the area.</i>
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

- ☐ Environmental Protection Code, Title 12 – Chapter 12.08 (Noise Control)  
☐ Building Code, Title 26 – Sections 1208A (Interior Environment – Noise)

#### ☐ MITIGATION MEASURES

#### ☐ OTHER CONSIDERATIONS

☐ Lot Size

☐ Project Design

☐ Compatible Use

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be adversely impacted by **noise**?

- ☒ Potentially significant      ☐ Less than significant with project mitigation      ☐ Less than significant/No Impact



## RESOURCES - 1. Water Quality

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Is the project site located in an area having known water quality problems and proposing the use of individual water wells?</p> <p><i>A well is proposed. The Lahontan Regional Water Quality Control Board will identify water quality problems.</i></p>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Will the proposed project require the use of a private sewage disposal system?</p> <p><i>Portable sanitation facilities will be used.</i></p>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>If the answer is yes, is the project site located in an area having known septic tank limitations due to high groundwater or other geotechnical limitations <i>or</i> is the project proposing on-site systems located in close proximity to a drainage course?</p>
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Could the project's associated construction activities significantly impact the quality of groundwater and/or storm water runoff to the storm water conveyance system and/or receiving water bodies?</p> <p><i>The ground water table of the project site is at an approximate depth of 70 feet. Source: Slope Stability Evaluation - Fugro West - September 2006). The proposed depth of the mine pits is 80 feet. Mining activities could degrade the quality of the ground water.</i></p>
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Could the project's post-development activities potentially degrade the quality of storm water runoff and/or could post-development non-storm water discharges contribute potential pollutants to the storm water conveyance system and/or receiving bodies?</p> <p><i>Two 80 foot depression will remain after mining activities, which have a potential use as storm water catch basins.</i></p>
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Other factors?</p>

### STANDARD CODE REQUIREMENTS

- ☐ Health & Safety Code, Title 11 – Chapter 11.38 (Water & Sewers)  
☐ Environmental Protection, Title 12 – Chapter 12.80 (Storm-water & Runoff Pollution Control)  
☐ Plumbing Code, Title 28 – Chapter 7; Appendices G(a), J & K (Sewers & Septic Systems)

#### ☐ MITIGATION MEASURES

#### ☐ OTHER CONSIDERATIONS

- ☐ Lot Size                      ☐ Project Design                      ☐ Compatible Use                      ☐ Septic Feasibility Study  
☐ Industrial Waste Permit                      ☐ National Pollutant Discharge Elimination System (NPDES) Permit

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be adversely impacted by, **water quality** problems?

- ☒ Potentially significant                      ☐ Less than significant with project mitigation                      ☐ Less than significant/No Impact

## RESOURCES - 2. Air Quality

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will the proposed project exceed the State's criteria for regional significance (generally (a) 500 dwelling units for residential users or (b) 40 gross acres, 650,000 square feet of floor area or 1,000 employees for non-residential uses)?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the proposal considered a sensitive use (schools, hospitals, parks) and located near a freeway or heavy industrial use?
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will the project increase local emissions to a significant extent due to increased traffic congestion or use of a parking structure or exceed AQMD thresholds of potential significance?
d.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will the project generate or is the site in close proximity to sources that create obnoxious odors, dust, and/or hazardous emissions?
				<i>Mining activities will create dust.</i>
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Would the project conflict with or obstruct implementation of the applicable air quality plan?
				<i>AVAQMD will provide determination.</i>
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?
				<i>AVAQMD will provide determination.</i>
g.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under applicable federal or state ambient air quality standard (including releasing emission which would exceed quantitative thresholds for ozone precursors)?
				<i>AVAQMD will provide determination.</i>
h.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?
				<i>Exhaust from 829 daily truck trips will likely degrade air quality.</i>

### STANDARD CODE REQUIREMENTS

☒ State of California Health and Safety Code – Section 40506 (Air Quality Management District Permit)

☐ **MITIGATION MEASURES**

☐ **OTHER CONSIDERATIONS**

☐ Project Design

☒ Air Quality Report

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be adversely impacted by, **air quality**?

☒ Potentially significant      ☐ Less than significant with project mitigation      ☐ Less than significant/No Impact

## RESOURCES - 3. Biota

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Is the project site located within a Significant Ecological Area (SEA), SEA Buffer, or coastal Sensitive Environmental Resource (ESHA, etc.), or is the site relatively undisturbed and natural?</p> <p><i>The project site is relatively undisturbed. Sources: General Plan &amp; Malibu Land Use Plan.</i></p>
b.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Will grading, fire clearance, or flood related improvements remove substantial natural habitat areas?</p> <p><i>Mining activities will remove natural habitat.</i></p>
c.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Is a drainage course located on the project site that is depicted on USGS quad sheets by a dashed blue line or that may contain a bed, channel, or bank of any perennial, intermittent or ephemeral river, stream, or lake?</p> <p><i>A blue line drainage course is located on the project site.</i></p>
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Does the project site contain a major riparian or other sensitive habitat (e.g. coastal sage scrub, oak woodland, sycamore riparian, woodland, wetland, etc.)?</p> <p><i>The project site is vegetated with native Mojave Creosote Bush Scrub.</i></p>
e.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Does the project site contain oak or other unique native trees (specify kinds of trees)?</p> <p><i>Joshua trees.</i></p>
f.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Is the project site habitat for any known sensitive species (federal or state listed endangered, etc.)?</p> <p><i>Desert Tortoise, Mohave Ground Squirrel and Burrowing Owl. Source: Desert Tortoise &amp; Burrowing Owl Surveys – 03/08/2007 and West Coast Environmental &amp; Engineering Project Description - 02-20-2007.</i></p>
g.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Other factors (e.g., wildlife corridor, adjacent open space linkage)?</p> <p><i>The project site is habitat for thirty animal species.</i></p>

### ☐ MITIGATION MEASURES

### ☐ OTHER CONSIDERATIONS

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Lot Size          | <input type="checkbox"/> Project Design                  | <input type="checkbox"/> Oak Tree Permit |
| <input type="checkbox"/> ERB/SEATAC Review | <input type="checkbox"/> Biological Constraints Analysis |  |

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, **biotic** resources?

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Potentially significant | <input type="checkbox"/> Less than significant with project mitigation | <input type="checkbox"/> Less than significant/No Impact |
|---|--|--|

## RESOURCES - 4. Archaeological/Historical/Paleontological

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site in or near an area containing known archaeological resources or containing features (drainage course, spring, knoll, rock outcroppings, or oak trees) that indicate potential archaeological sensitivity? <i>There is a low probability that cultural resources are located in the project area. Source Phase 1 report - page 9.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project site contain rock formations indicating potential paleontological resources?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project site contain known historic structures or sites?  <i>Source: California Historical Resources Inventory.</i>
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project cause a substantial adverse change in the significance of a historical or archaeological resource as defined in 15064.5?
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### ☐ MITIGATION MEASURES

☐ Lot Size

☐ Cultural Resources Records Search (Quick Check)

### ☐ OTHER CONSIDERATIONS

☐ Project Design

☒ Phase 1 Archaeology Report

### CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **archaeological, historical, or paleontological** resources?

☐ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact

## RESOURCES - 5. Mineral Resources

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?  <u>48,674,200 tons of aggregate will be recovered by the proposed project.</u>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project result in the loss of availability of a locally important mineral resource discovery site delineated on a local general plan, specific plan or other land use plan? <u>A Mineral Recovery Zone which is indicated by a point feature on the General Plan Special Management Areas map is located 1.91 miles southwest of the project site.</u>
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

☐ Lot Size

☐ Project Design

### CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **mineral** resources?

☐ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact

## RESOURCES - 6. Agriculture Resources

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency to non-agricultural use?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>The project site is designated "Other Land".</u> Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>The project site is zoned Heavy Agriculture.</u> Would the project involve other changes in the existing environment that due to their location or nature, could result in conversion of Farmland, to non-agricultural use?
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Two eighty foot deep depressions will be left by the proposed project.</u> Other factors?

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

☐ Lot Size

☐ Project Design

Although the project site is zoned Heavy Agriculture, it is not designated as prime, unique or important farmland by the Farmland Mapping and Monitoring Program of the California Resources Agency.

### CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **agriculture** resources?

☒ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact

## RESOURCES - 7. Visual Qualities

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site substantially visible from or will it obstruct views along a scenic highway (as shown on the Scenic Highway Element), or is it located within a scenic corridor or will it otherwise impact the viewshed?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project substantially visible from or will it obstruct views from a regional riding or hiking trail?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site located in an undeveloped or undisturbed area that contains unique aesthetic features?
d.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the proposed use out-of-character in comparison to adjacent uses because of height, bulk, or other features? <i>The surrounding property is vacant except for two residences located west of the project site.</i>
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project likely to create substantial sun shadow, light or glare problems?
f.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors (e.g., grading or landform alteration)? <i>Mining activities will leave two 80 foot deep depressions.</i>

### ☐ MITIGATION MEASURES

☐ Lot Size

☐ Project Design

### ☐ OTHER CONSIDERATIONS

☐ Visual Simulation

☐ Compatible Use

### CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **scenic** qualities?

☒ Potentially significant

☐ Less than significant with project mitigation

☐ Less than significant/No Impact

## SERVICES - 1. Traffic/Access

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project contain 25 dwelling units or more and is it located in an area with known congestion problems (roadway or intersections)?
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Will the project result in any hazardous traffic conditions?</p> <p><i>The proposed project will generate 862 trips daily. Trucks leaving and arriving at the project site could cause result in hazardous traffic conditions on Avenue T. Source: Traffic Impact Analysis – March 2007.</i></p>
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will the project result in parking problems with a subsequent impact on traffic conditions?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will inadequate access during an emergency (other than fire hazards) result in problems for emergency vehicles or residents/employees in the area?
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Will the congestion management program (CMP) Transportation Impact Analysis thresholds of 50 peak hour vehicles added by project traffic to a CMP highway system intersection or 150 peak hour trips added by project traffic to a mainline freeway link be exceeded?</p> <p><i>At the intersections of 106<sup>th</sup> Street East / Avenue T and 106<sup>th</sup> Street East / Pearblossom Highway, 69 trips will be generated during the AM and PM peak hours. The LOS at the intersections will not diminish with the project. Source: Traffic Impact Analysis – March 2007.</i></p>
f.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project conflict with adopted policies, plans, or program supporting alternative transportation (e.g., bus, turnouts, bicycle racks)?
g.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### ☐ MITIGATION MEASURES

### ☐ OTHER CONSIDERATIONS

☐ Project Design

☐ Traffic Report

☒ Consultation with DPW Traffic & Lighting Division

### CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **traffic/access** factors?

☒ Potentially significant

☐ Less than significant with project mitigation

☐ Less than significant/No Impact



## SERVICES - 2. Sewage Disposal

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If served by a community sewage system, could the project create capacity problems at the treatment plant? <u>Portable septic systems will be used.</u>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create capacity problems in the sewer lines serving the project site? <u>Portable septic systems will be used.</u>
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors? _____

### STANDARD CODE REQUIREMENTS

- ☐ Utilities Code, Title 20 – Division 2 (Sanitary Sewers and Industrial Waste)
- ☐ Plumbing Code, Title 28 – Chapter 7 (Sanitary Drainage)
- ☐ California Health Safety Code – Section 5474 (Sewer connection mitigation fee)

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **sewage disposal** facilities?

- ☐ Potentially significant      ☐ Less than significant with project mitigation      ☒ Less than significant/No Impact

## SERVICES - 3. Education

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create capacity problems at the district level?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create capacity problems at individual schools that will serve the project site?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create student transportation problems?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create substantial library impacts due to increased population and demand?
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

- ☐ State of California Government Code – Section 53080 (School Facilities Fee)  
☐ Planning & Zoning Code, Title 22 - Chapter 22.72 (Library Facilities Mitigation Fee)

☐ **MITIGATION MEASURES**

☐ **OTHER CONSIDERATIONS**

☐ Site Dedication

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **educational** facilities/services?

☐ Potentially significant      ☐ Less than significant with project mitigation      ☒ Less than significant/No Impact

## SERVICES - 4. Fire/Sheriff Services

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create staffing or response time problems at the fire station or sheriff's substation serving the project site? <i>The project site is served by Fire Station 79 which is located approximately 2.4 miles away and by the Palmdale Sheriff station which is located approximately 15 miles away.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there any special fire or law enforcement problems associated with the project or the general area? <i>The project site is served by the Antelope Valley CHP office which is located in Lancaster.</i>
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other factors?

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### STANDARD CODE REQUIREMENTS

☐ Revenue & Finance Code, Title 4 – Chapter 4.92 (Fire Protection Facilities Fee)

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

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### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **fire/sheriff** services?

☐ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact

## SERVICES - 5. Utilities/Other Services

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site in an area known to have an inadequate public water supply to meet domestic needs or to have an inadequate ground water supply and proposes water wells? <i>A well is proposed.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the project site in an area known to have an inadequate water supply and/or pressure to meet fire fighting needs?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project create problems with providing utility services, such as electricity, gas, or propane?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are there any other known service problem areas (e.g., solid waste)?
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services or facilities (e.g., fire protection, police protection, schools, parks, roads)?
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

- ☐ Plumbing Code, Title 28 – Chapters 3, 6 & 12  
☐ Utilities Code, Title 20 – Divisions 1, 4 & 4a (Water, Solid Waste, Garbage Disposal Districts)

### ☐ MITIGATION MEASURES

### ☐ OTHER CONSIDERATIONS

- ☐ Lot Size                      ☐ Project Design                      ☐ Water Purveyor Will-serve Letter

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **utilities** services?

- ☐ Potentially significant                      ☐ Less than significant with project mitigation                      ☒ Less than significant/No Impact

## OTHER FACTORS - 1. General

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will the project result in an inefficient use of energy resources?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will the project result in a major change in the patterns, scale, or character of the general area or community?
				<i>There are other aggregate mines located in the area.</i>
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Will the project result in a significant reduction in the amount of agricultural land?
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### STANDARD CODE REQUIREMENTS

☒ California State Administrative Code, Title 24, Part 5, T-20 (Energy Conservation)

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

☐ Lot Size

☐ Project Design

☐ Compatible Use

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to any of the above factors?

☒ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact

## OTHER FACTORS - 2. Environmental Safety

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are any hazardous materials used, transported, produced, handled, or stored on-site? <i>Calcium nitrate, Solvent dewaxed residual oil, Calcium oxide, Triethanolamine, Hydrochloric acid, Sodium hydroxide, Sulfuric acid lead, Naphthalene, Acetylene, Petroleum distillates, hydrotreated heavy paraffinic, Petroleum lubricating oil, Sodium nitrate, Oxygen, Calcium chloride, Calcium compounds, Copolymer mixture, Carbon dioxide argon, Nitrogen, Calcium nitrate, Carbon black, Petroleum distillates, hydrotreated light paraffinic, Ethylene glycol, Dimethylmethane, Polyacrylamide (polymer) and Hydrocarbon</i>
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are any pressurized tanks to be used or any hazardous wastes stored on-site? <i>There are no tanks proposed for the project site.</i>
c.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are any residential units, schools, or hospitals located within 500 feet and potentially adversely affected? <i>There are two residential units within 500 feet.</i>
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Have there been previous uses that indicate residual soil toxicity of the site or is the site located within two miles downstream of a known groundwater contamination source within the same watershed? <i>No evidence of recognized environmental conditions or historical environmental conditions which are likely to impact the subject property was found. Source: Phase 1 Environmental Site Assessment; 05/11/07; page 15.</i>
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Would the project create a significant hazard to the public or the environment involving the accidental release of hazardous materials into the environment? <i>Improper storage and handling of hazardous materials could result in the accidental release of hazardous materials into the environment.</i>
f.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project emit hazardous emissions or handle hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?
g.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or environment? <i>The project site is not listed in the Department of Toxic Substances Control EnviroStor Database.</i>
h.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project result in a safety hazard for people in a project area located within an airport land use plan, within two miles of a public or public use airport, or within the vicinity of a private airstrip?
i.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
j.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

### ☐ MITIGATION MEASURES

☐ Phase 1 Environmental Assessment

### ☐ OTHER CONSIDERATIONS

☐ Toxic Clean-up Plan

### CONCLUSION

Considering the above information, could the project have a significant impact relative to **public safety**?

☒ Potentially significant      ☐ Less than significant with project mitigation      ☐ Less than significant/No Impact

## OTHER FACTORS - 3. Land Use

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Can the project be found to be inconsistent with the plan designation(s) of the subject property? <i>Uses appropriate for remote locations are suitable for Non-residential uses in non-urban areas.</i>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Can the project be found to be inconsistent with the zoning designation of the subject property? <i>Surface mining is allowed in the Heavy Agriculture zone as a "use subject to permit."</i>
c.				Can the project be found to be inconsistent with the following applicable land use criteria:
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hillside Management Criteria?
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SEA Conformance Criteria?
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project physically divide an established community?
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **land use** factors?

☐ Potentially significant      ☐ Less than significant with project mitigation      ☒ Less than significant/No Impact

## OTHER FACTORS - 4. Population/Housing/Employment/Recreation

### SETTING/IMPACTS

	Yes	No	Maybe	
a.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project cumulatively exceed official regional or local population projections?
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project induce substantial direct or indirect growth in an area (e.g., through projects in an undeveloped area or extension of major infrastructure)?
c.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project displace existing housing, especially affordable housing?
d.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project result in substantial job/housing imbalance or substantial increase in Vehicle Miles Traveled (VMT)?
e.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Could the project require new or expanded recreational facilities for future residents?
f.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?
g.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other factors?

☐ MITIGATION MEASURES

☐ OTHER CONSIDERATIONS

### CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **population, housing, employment, or recreational** factors?

☐ Potentially significant

☐ Less than significant with project mitigation

☒ Less than significant/No Impact



## MANDATORY FINDINGS OF SIGNIFICANCE

Based on this Initial Study, the following findings are made:

	Yes	No	Maybe	
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?</p> <p><i>Sensitive species &amp; loss of wildlife habitat,</i></p>
b.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Does the project have possible environmental effects that are individually limited but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.</p>
c.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Will the environmental effects of the project cause substantial adverse effects on human beings, either directly or indirectly?</p> <p><i>Hazardous materials, geotechnical, flooding, noise, air quality, water quality, traffic &amp; visual.</i></p>

## CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the environment?

☒ Potentially significant
 ☐ Less than significant with project mitigation
 ☐ Less than significant/No Impact